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3 (Sem-4/CBCS) GGY HC 1

2025

GEOGRAPHY

(Honours Core)

Paper : GGY-HC-4016

**(Environmental Geography and
Disaster Management)**

Full Marks : 60

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

1. Answer the following questions as directed :
1×7=7

- (a) Who coined the term 'Ecosystem' ?
- (b) 'World Environment Day' is celebrated
on _____. (Fill in the blank)
- (c) Give an example of a man-made
disaster.

(d) Which layer of the atmosphere contains the ozone layer ?

(i) Troposphere

(ii) Stratosphere

(iii) Mesosphere

(iv) Thermosphere

(Choose the correct option)

(e) In which year National Environmental Policy was adopted ?

(f) Which of the following is considered as a major renewable energy source ?

(i) Natural Gas

(ii) Petroleum

(iii) Biomass

(iv) Coal

(Choose the correct option)

(g) Name an important greenhouse gas.

2. Answer the following questions in brief :
 $2 \times 4 = 8$

(a) What do you mean by ecosystem ?

(b) Name *any two* environmental movements that started in India.

(c) Mention *any two* causes of air pollution.

(d) Why early warning system is necessary to mitigate disaster impact ?

3. Answer the following questions in short :
(any three) $5 \times 3 = 15$

(a) What are the major approaches to the study of non-environment relationship ?

(b) Discuss the structure of an ecosystem with a diagram.

(c) Write the differences between hazard and disaster with suitable examples.

(d) Explain the role of religions and cultures in environmental protection.

(e) What do you mean by urban flooding? Write *three* causes of urban flooding.

$2 + 3 = 5$

4. Answer the following questions : $10 \times 3 = 30$

(a) What is environmental geography? Discuss its nature and scope.

$3 + 3 + 4 = 10$

Or

What do you mean by Biome ? Write the salient characteristics of the major biome of the world.

$2 + 8 = 10$

- (b) What is disaster management? Explain its phases in detail. $7+7=10$

Or

Discuss the causes and impacts of deforestation in the context of Assam.

$5+5=10$

- (c) What are the major global environmental problems? Discuss *any one* problem in detail. $4+6=10$

Or

What do you mean by 'disaster'? Discuss the significance of Disaster Management Act In India. $2+8=10$
